In The Matter Of:

United States vs.
PFC Bradley E. Manning

Vol. 14

July 2, 2013

UNOFFICIAL DRAFT - 7/2/13 Morning Session

Provided by Freedom of the Press Foundation

Min-U-Script® with Word Index

UNOFFICIAL DRAFT - 7/2/13 Morning Session

		1
1	VOLUME XIV	
2	IN THE UNITED STATES ARMY	
3		
4	UNITED STATES	
5	vs.	
6	MANNING, Bradley E., PFC COURT-MARTIAL	
7	U.S. Army, xxx-xx-9504	
8	Headquarters and Headquarters Company,	
9	U.S. Army Garrison,	
10	Joint Base Myer-Henderson Hall,	
11	Fort Myer, VA 22211	
12	/	
13		
14		
15	The Hearing in the above-titled matter was	
16	continued on Tuesday, July 2, 2013, at 11:00 a.m., at	
17	Fort Meade, Maryland, before the Honorable Colonel	
18	Denise Lind, Judge.	
19		
20		
21		

1 DISCLAIMER

This transcript was made by a court reporter who is not the official Government reporter, was not permitted to be in the actual courtroom where the proceedings took place, but in a media room listening to and watching live audio/video feed, not permitted to make an audio backup recording for editing purposes, and not having the ability to control the proceedings in order to produce an accurate verbatim transcript.

This unedited, uncertified draft transcript may contain court reporting outlines that are not translated, notes made by the reporter for editing purposes, misspelled terms and names, word combinations that do not make sense, and missing testimony or colloquy due to being inaudible to the reporter.

UNOFFICIAL DRAFT - 7/2/13 Morning Session

			3
1	APPEARANCES:		
2			
3	ON	BEHALF OF THE GOVERNMENT:	
4		MAJOR ASHDEN FEIN	
5		CAPTAIN JOSEPH MORROW	
6		CAPTAIN ALEXANDER von ELTEN	
7			
8	ON	BEHALF OF THE ACCUSED:	
9		DAVID COOMBS	
10		MAJOR THOMAS HURLEY	
11		CAPTAIN JOSHUA TOOMAN	
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

1	PROCEEDINGS,
2	THE COURT: Court is called to order. Major
3	Fein, please account for the parties.
4	MR. FEIN: Yes, ma'am. All parties present
5	in the court at the last recess are present. This is an
6	open unclassified session and the court security officer
7	has finished his post trial checklist and it will be
8	filed in the allied papers.
9	THE COURT: Major Fein, would you like to set
10	forth for the record any exhibits that have been admitted
11	since the last open session?
12	MR. FEIN: Yes, ma'am. There have been two
13	appellate exhibits that have been marked. The first is
14	appellate exhibit 589 titled the EEI list, Bates number
15	00527925 through 00527929, and appellate exhibit 590
16	which is titled value list, Bates number on 00527930
17	through 00527932.
18	Additionally, Your Honor, as of the start of
19	this session, this current unclassified open session,
20	there's 13 members of the media at the media operations
21	center, one stenographer, no media in the courtroom, and

1	approximately eight spectators in the courtroom. The
2	trailer is available but not being utilized.
3	THE COURT: Thank you.
4	The court yesterday held a closed session
5	where we had the witness, Mr. Lewis. The government was
6	laying a foundation for their request to have Mr. Lewis
7	recognized as an expert. We ended the day following that
8	closed session. The court is prepared today to rule on
9	two issues. One is the government motion to qualify Mr.
LO	Lewis as an expert, and the other is relevance and
L1	non-hearsay for prosecution motion for judicial notice.
L2	Before I announce the rulings on the record,
L3	is there anything else we need to address at this point?
L 4	MR. COOMBS: No, Your Honor.
L5	MR. FEIN: No, ma'am.
L6	THE COURT: All right. I'll begin with the
L7	judicial notice ruling.
L8	Ruling. Relevance and non-hearsay for
L9	prosecution motion for judicial notice.
20	On 6 January 2013 the court deferred ruling
21	on the government motion for the court to take judicial

1	notice of certain adjudicative facts until the government
2	offered the evidence at trial to allow the court to be
3	fully informed when making relevance and hearsay
4	determinations. Appellate exhibit 472. The court ruled
5	it would grant the government's motion for judicial
6	notice if the government could establish relevance and
7	the non-hearsay or hearsay exception usage.
8	On 28 June 2013 the government renewed its
9	request it to the court to take judicial notice of the
10	following three adjudicative facts:
11	One. Julian Assange was located in Iceland
12	in February of 2010 and was working on the Icelandic
13	modern media initiative.
14	Two. Lieutenant Colonel Packnett was quoted
15	in the New York Times article dated 18 March 2010.
16	And, three. A New Yorker profile of Julian
17	Assange titled, quote, no secrets, colon, Julian
18	Assange's mission for total transparency, unquote, exists
19	and was dated on 7 June 2010.
20	The government also provided a proffer of
21	relevance and non-hearsay or hearsay exception use,

appellate exhibit 587, and pinpoint cites to the admitted 1 2 exhibits in support of its proffer, AE 587 Alpha. 3 Defense opposes and maintains its relevance objection to one and hearsay objections to two and three, and 4 relevance as well. 5 The court adopts the law as stated in its 16 6 7 January 2013 rule regarding judicial notice motions, appellate exhibit 472. 8 Conclusions of law. The court has reviewed 9 the proffer by government and each of the pinpoint cites 10 11 in support of prosecution exhibits 81, 123 and 30, and 12 the testimony of Special Agent Shaver and Mr. Lamo. 13 The court also notes the defense conceded 14 during the testimony of Mr. Chad Madaras that any 15 searches on Intelink for Iceland and WikiLeaks in the 16 open source center on the computer shared by Mr. Madaras 17 and PFC Manning was not conducted by Mr. Madaras. 18 Each of the three judicially noticeable adjudicative facts are relevant and offered for 19 20 non-hearsay purposes.

notice of the adjudicative facts in one through three 1 2 above is granted. So ordered the 2nd day of July, 2013. 3 We'll have that marked as the next appellate exhibit in line. 4 All right. Proceeding on. 5 6 Ruling. Government motion to qualify Mr. 7 Daniel Lewis as an expert. Before I read this unclassified ruling, I do want to advise that there has 8 been a classified supplement to this ruling that will not 10 be read in open court. 11 On 1 July 2013 the government moved the court 12 to recognize Mr. Daniel Lewis as an expert witness in 13 counterintelligence, CI, and value of U.S. government 14 information to foreign intelligence sources. government established its foundation in both open and 15 closed sessions. 16 17 The defense does not oppose Mr. Lewis as an 18 expert in CI generally, but does challenge his qualifications in offensive CI and valuation of 19 20 information to foreign intelligence sources. The parties 21 presented oral arguments and submitted written briefs.

1	Having received the briefs and having heard the oral
2	arguments, the court finds and rules at follows:
3	Findings of fact. Mr. Lewis has 29 years of
4	experience in CI, including CI operations,
5	investigations, collections, analysis and functional
6	services. Included in this experience is a tour as chief
7	of training for the Department of Defense, DOD, Joint
8	Counterintelligence Training Academy, JCITA, for the
9	military and defense DIA. Mr. Lewis's experience
10	includes working as a senior investigator at the foreign
11	senior activity, FCA, which operates sensitive and
12	significant defense investigations.
13	Two. From 2006 to 2013 Mr. Lewis was the
14	chief of the counterespionage division at DIA. This was
15	the DIA's most senior CI position. Mr. Lewis was the
16	senior level subject matter expert for CI operations and
17	investigations, supervising 50 to 55 CI professionals at
18	any given time. He is the most experienced CI
19	investigator in DIA.
20	The counterespionage division retained
21	oversight of all CT investigations and operations with

DOD and the National Security Agency, NSA, to include 1 2 espionage investigations and offensive CI operations. 3 Mr. Lewis personally briefed the Secretary and deputy secretary for defense for intelligence and Congress. 4 Three. Mr. Lewis was a lead investigator in 5 6 multiple CI investigations including Colonel George 7 Trofimoff, an Army colonel, and David Boone, both provided documents to Russia. Mr. Lewis was awarded the 8 investigator of the year for both cases in 1996 and 1999 10 respectively. 11 Four. CI investigations or espionage 12 investigations for DOD has an equity, CI investigations 13 on individuals known to be involved in adversary 14 intelligence or terrorist organizations. Mr. Lewis has 15 experience as a case officer in espionage investigations, 16 but has never been a case agent or a case agent manager 17 for offensive CI operations. 18 In his position as chief of the 19 counterespionage division at DIA he has oversight for all 20 DOD offensive CI operations.

21

Five. Mr. Lewis has testified as a fact

witness in court, but has never been qualified as an expert witness.

The law. A witness who is qualified as an expert by knowledge, skill, experience, training or education may testify in the form of an opinion or otherwise, if: A, the expert scientific, technical or other specialized knowledge will help the trier of fact to understand the evidence or to determine a fact in issue; B, the testimony is based on sufficient facts or data; C, the testimony is the product of reliable principals and methods; and, D, the expert has reliably applied the principals and methods to the facts of the case.

Two. An expert may base opinion on facts or data in the case that the expert has been made aware of or has personally observed. The expert in the particular field -- if experts in the particular field would rely on those kind of facts or date in forming an opinion on the subject, they need not be admissible for the opinion to be admitted. MRE 703 in relevant part.

Three. The court is the, quote-unquote,

gatekeeper for all expert testimony, whatever the basis. 1 2 To allow expert testimony the court must find relevance 3 and reliability. Among the factors the court may consider to determine whether expert testimony is 4 admissible under MRE 701 is -- excuse me -- 702, is 5 6 whether a theory or technique has been tested; two, whether it has been subject to peer review and 7 publication; three, the known or potential rates of error 8 in using the particular scientific techniques and 10 standards controlling the techniques, operations; and, 11 four, whether the theory and technique is generally accepted in the particular scientific field. 12 13 These factors are not a, quote-unquote, test 14 for reliability, rather reliability is a flexible inquiry 15 focused on the goal of insuring that the expert, quote, 16 whether basing testimony on professional studies or 17 personal experience employs in the courtroom the same 18 level of intellectual rigor that characterizes the practice of experts in the relevant field, unquote. 19 20 United States versus Sanchez 965 MJ 145, Court of Appeals

for the Armed Forces, 2007, citing Kumho Tire Company LTD

versus Carmichael. 1 2 Four. Relevant evidence may be excluded if 3 its probative value is substantially outweighed by the danger of unfair prejudice or other conditions. 4 Conclusions of law. 5 Mr. Lewis' expertise comes from 29 6 7 years of his experience in and oversight of various CI functions. He is an expert in all facets of CI. 8 testimony will be based on information gathered through 10 offensive CI operations and systematically entered into 11 systems employed by the counterespionage division of DIA. 12 These systems are routinely used by DIA to 13 collect data from offensive CI investigations -- excuse 14 me -- operations, and such data is used to prepare 15 briefings and other memoranda for the secretary, for the 16 secretary and deputy secretary of defense for 17 intelligence and for Congress, and has been generally 18 accepted by these entities as accurate. The data collected by these systems is reliable. 19

Two. The court has issued an oral supplement to this ruling. The court accepts Mr. Lewis an expert in

20

- The court does not accept Mr. Lewis as an expert in 1 the value of information to foreign intelligence 2 3 services. This expertise is too overbroad. Mr. Lewis may testify and offer an opinion 4 with regard to the value of certain charged documents 5 6 upon laying a proper foundation within the parameters of the oral classified supplement to this ruling. 7 The court has done an analysis under 8 Three. 9 MRE 403 and finds that Mr. Lewis's testimony is highly 10 probative. The probative value of the evidence is not substantially outweighed by the danger of unfair 11 12 prejudice or other 403 factors. The court will consider 13 this evidence for its proper purpose within the purpose
- Ruling. The government motion to qualify Mr.

 Lewis as an expert is granted in part. So ordered, the

 2nd day of July of 2013.
- This ruling will be added as the next appellate exhibit in line.

14

of its ruling.

Now, the court has met briefly with the parties prior to coming on open session today. Yesterday

```
when we held the closed session the testimony was
1
    basically with respect to laying the foundation for the
    court to rule on whether or not Mr. Lewis would be
    accepted as an expert and under what conditions and what
4
    would be the scope of his testimony and opinions, should
    the court accept him as an expert.
                 As my ruling just indicated, I have granted
    the government's motion in part, so this will necessitate
    another closed session because Mr. Lewis when he's
10
```

actually testifying about his testimony and the scope of his opinion within the parameters of the court's ruling, he hasn't done that yet. So the parties and I discussed how we would proceed today and we set up the following rough schedule. The parties are going to have an extended lunch to go over some issues that they need to do. We'll come back on the record I guess at this point 1330 still good for the parties?

18 MR. FEIN: Yes, ma'am.

2

3

5

6

7

8

11

12

13

14

15

16

17

19

20

21

MR. COOMBS: Yes, Your Honor.

THE COURT: We'll come back on the record on closed session at 1330 for Mr. Lewis's testimony.

1

2

3

4

5

6

7

8

9

11

14

16

17

18

19

20

21

```
will have another open session in this court, again, we
    have to gauge the time for that because some of this goes
    by how long a witness testifies, but we are, the parties
    have approximated, we should be ready to go at 1530, is
    that correct?
                 MR. FEIN: Yes, ma'am.
                 MR. COOMBS: Yes, Your Honor.
                 THE COURT: One additional issue that was
    discussed during the RCM 802 conference is I have two
    roles here, my role as a military judge is to rule on
10
    interlocutory questions like I just did, and my role as a
12
    fact finder is to consider evidence that's presented
13
    before me on the merits. Now, in yesterday's closed
    session a general foundation was laid for the purposes of
15
    the expert opinion, and rather than have that same
    testimony being laid out all over again before the finder
    of fact, the government has proposed and I believe the
    defense has concurred that the court may consider in its
    finder of fact role the testimony that was set forth in
    yesterday's closed session; is that correct?
```

MR. FEIN: Yes, Your Honor. And also in the

```
open session as well because the government broke the
1
2
    foundation into opening and close.
3
                 THE COURT: And the defendant did as well.
4
    So it's lays basically all of Mr. Lewis's testimony.
5
                 MR. COOMBS: Yes, Your Honor.
6
                 MR. FEIN: Yes, ma'am.
                 THE COURT: Is there anything else at this
7
    point we need to address prior to recessing the court
8
    till we reconvene for the closed session at 1300 and we
10
    have our public session at 1530?
11
                 MR. FEIN: No, ma'am.
                 MR. COOMBS: No, ma'am. Just for the public,
12
13
    1530 would be 3:30.
14
                 THE COURT: Thank you. All right. Court is
15
    in recess until 1530 or 3:30.
16
                            (LUNCH RECESS.)
17
18
19
20
21
```

	appellate (8)	called (1)	conducted (1)
${f A}$	4:13,14,15;6:4;7:1,8;8:3;	4:2	7:17
	14:19	Carmichael (1)	conference (1)
above (1)	applied (1)	13:1	16:9
8:2	11:12	case (5)	Congress (2) 10:4;13:17
Academy (1)	approximated (1) 16:4	10:15,16,16;11:13,15 cases (1)	consider (4)
9:8	approximately (1)	10:9	12:4;14:12;16:12,18
accept (2)	5:1	center (2)	controlling (1)
14:1;15:6	arguments (2)	4:21;7:16	12:10
accepted (3)	8:21;9:2	certain (2)	COOMBS (5)
12:12;13:18;15:4	Armed (1)	6:1;14:5	5:14;15:19;16:7;17:5,12
accepts (1) 13:21	12:21	Chad (1)	counterespionage (4)
account (1)	Army (1)	7:14	9:14,20;10:19;13:11
4:3	10:7	challenge (1)	counterintelligence (2)
accurate (1)	article (1)	8:18	8:13;9:8
13:18	6:15	characterizes (1)	Court (42)
activity (1)	Assange (2)	12:18	4:2,2,5,6,9;5:3,4,8,16,20,
9:11	6:11,17	charged (1)	21;6:2,4,9;7:6,9,13;8:10,11;
actually (1)	Assange's (1)	14:5	9:2;11:1,21;12:2,3,20;
15:10	6:18	checklist (1)	13:20,21;14:1,8,12,20;15:3,
added (1)	available (1)	4:7	6,20;16:1,8,18;17:3,7,8,14,
14:18	5:2	chief (3)	14
additional (1)	awarded (1)	9:6,14;10:18	courtroom (3)
16:8	10:8	CI (21)	4:21;5:1;12:17
Additionally (1)	aware (1)	8:13,18,19;9:4,4,15,16,	court's (1)
4:18	11:15	17,18,21;10:2,6,11,12,17,	15:11
address (2)	D	20;13:7,8,10,13;14:1	current (1)
5:13;17:8	В	cites (2)	4:19
adjudicative (4)	book (2)	7:1,10	D
6:1,10;7:19;8:1	back (2) 15:16,20	citing (1) 12:21	D
admissible (2)	13.10,20	12.21	
	hace (1)	classified (2)	danger (2)
11:19;12:5	base (1)	classified (2) 8.9.14.7	danger (2)
11:19;12:5 admitted (3)	11:14	8:9;14:7	13:4;14:11
11:19;12:5 admitted (3) 4:10;7:1;11:20	11:14 based (2)	8:9;14:7 close (1)	13:4;14:11 Daniel (2)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1)	11:14 based (2) 11:9;13:9	8:9;14:7 close (1) 17:2	13:4;14:11 Daniel (2) 8:7,12
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6	11:14 based (2) 11:9;13:9 basically (2)	8:9;14:7 close (1) 17:2 closed (9)	13:4;14:11 Daniel (2) 8:7,12 data (5)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4	8:9;14:7 close (1) 17:2	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13	11:14 based (2) 11:9;13:9 basically (2)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21;	13:4;14:11 Daniel (2) 8:7,12 data (5)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12;
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1) 7:2	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15 briefly (1)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1) 7:16	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1) 9:7
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1) 7:2 Among (1)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15 briefly (1) 14:20	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1) 9:7 deputy (2)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1) 7:2 Among (1) 12:3	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15 briefly (1) 14:20 briefs (2)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1) 7:16 conceded (1) 7:13	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1) 9:7 deputy (2) 10:3;13:16
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1) 7:2 Among (1) 12:3 analysis (2)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15 briefly (1) 14:20 briefs (2) 8:21;9:1	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1) 7:16 conceded (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1) 9:7 deputy (2)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1) 7:2 Among (1) 12:3 analysis (2) 9:5;14:8	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15 briefly (1) 14:20 briefs (2)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1) 7:16 conceded (1) 7:13 Conclusions (2)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1) 9:7 deputy (2) 10:3;13:16 determinations (1)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1) 7:2 Among (1) 12:3 analysis (2) 9:5;14:8 announce (1)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15 briefly (1) 14:20 briefs (2) 8:21;9:1 broke (1) 17:1	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1) 7:16 conceded (1) 7:13 Conclusions (2) 7:9;13:5	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1) 9:7 deputy (2) 10:3;13:16 determinations (1) 6:4
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1) 7:2 Among (1) 12:3 analysis (2) 9:5;14:8 announce (1) 5:12	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15 briefly (1) 14:20 briefs (2) 8:21;9:1 broke (1)	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1) 7:16 conceded (1) 7:13 Conclusions (2) 7:9;13:5 concurred (1)	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1) 9:7 deputy (2) 10:3;13:16 determinations (1) 6:4 determine (2)
11:19;12:5 admitted (3) 4:10;7:1;11:20 adopts (1) 7:6 adversary (1) 10:13 advise (1) 8:8 AE (1) 7:2 again (2) 16:1,16 Agency (1) 10:1 Agent (3) 7:12;10:16,16 allied (1) 4:8 allow (2) 6:2;12:2 Alpha (1) 7:2 Among (1) 12:3 analysis (2) 9:5;14:8 announce (1)	11:14 based (2) 11:9;13:9 basically (2) 15:2;17:4 basing (1) 12:16 basis (1) 12:1 Bates (2) 4:14,16 begin (1) 5:16 Boone (1) 10:7 both (3) 8:15;10:7,9 briefed (1) 10:3 briefings (1) 13:15 briefly (1) 14:20 briefs (2) 8:21;9:1 broke (1) 17:1	8:9;14:7 close (1) 17:2 closed (9) 5:4,8;8:16;15:1,9,21; 16:13,20;17:9 collect (1) 13:13 collected (1) 13:19 collections (1) 9:5 colon (1) 6:17 Colonel (3) 6:14;10:6,7 coming (1) 14:21 Company (1) 12:21 computer (1) 7:16 conceded (1) 7:13 Conclusions (2) 7:9;13:5 concurred (1) 16:18	13:4;14:11 Daniel (2) 8:7,12 data (5) 11:10,15;13:13,14,18 date (1) 11:18 dated (2) 6:15,19 David (1) 10:7 day (3) 5:7;8:2;14:17 defendant (1) 17:3 Defense (9) 7:3,13;8:17;9:7,9,12; 10:4;13:16;16:18 deferred (1) 5:20 Department (1) 9:7 deputy (2) 10:3;13:16 determinations (1) 6:4 determine (2) 11:8;12:4

I FC Brauley E. Maining	7/2/13 WIOT	ining Session	July 2, 2013
DIA's (1)	13:7	8:14,20;9:10;14:2	11:7
9:15			
	experienced (1)	form (1)	highly (1)
discussed (2)	9:18	11:5	14:9
15:12;16:9	expert (24)	forming (1)	Honor (6)
division (4)	5:7,10;8:7,12,18;9:16;	11:18	4:18;5:14;15:19;16:7,21;
9:14,20;10:19;13:11	11:2,4,6,11,14,15,16;12:1,2,	forth (2)	17:5
documents (2)	4,15;13:8,21;14:1,16;15:4,	4:10;16:19	
10:8;14:5	6;16:15	foundation (6)	I
DOD (4)	expertise (2)	5:6;8:15;14:6;15:2;	
9:7;10:1,12,20	13:6;14:3	16:14;17:2	Iceland (2)
done (2)	experts (2)	Four (3)	6:11;7:15
14:8;15:12	11:17;12:19	10:11;12:11;13:2	Icelandic (1)
during (2)	extended (1)	fully (1)	6:12
7:14;16:9	15:15	6:3	include (1)
		functional (1)	10:1
${f E}$	\mathbf{F}	9:5	Included (1)
		functions (1)	9:6
education (1)	facets (1)	13:8	includes (1)
11:5	13:8	13.0	9:10
		G	
EEI (1)	fact (7)	G	including (2)
4:14	9:3;10:21;11:7,8;16:12,		9:4;10:6
eight (1)	17,19	gatekeeper (1)	indicated (1)
5:1	factors (3)	12:1	15:7
else (2)	12:3,13;14:12	gathered (1)	individuals (1)
5:13;17:7	facts (8)	13:9	10:13
employed (1)	6:1,10;7:19;8:1;11:9,12,	gauge (1)	information (4)
13:11	14,18	16:2	8:14,20;13:9;14:2
employs (1)	FCA (1)	general (1)	informed (1)
12:17	9:11	16:14	6:3
ended (1)	February (1)	generally (3)	initiative (1)
5:7	6:12	8:18;12:11;13:17	6:13
entered (1)	Fein (10)	George (1)	inquiry (1)
13:10	4:3,4,9,12;5:15;15:18;	10:6	12:14
entities (1)	16:6,21;17:6,11	given (1)	insuring (1)
13:18	field (4)	9:18	12:15
equity (1)	11:17,17;12:12,19	goal (1)	Intelink (1)
10:12	filed (1)	12:15	7:15
error (1)	4:8	goes (1)	intellectual (1)
12:8	find (1)	16:2	12:18
espionage (3)	12:2	good (1)	intelligence (6)
10:2,11,15	finder (3)	15:17	8:14,20;10:4,14;13:17;
establish (1)	16:12,16,19	government (16)	14:2
6:6	Findings (1)	5:5,9,21;6:1,6,8,20;7:10,	interlocutory (1)
established (1)	9:3	21;8:6,11,13,15;14:15;	16:11
8:15	finds (2)	16:17;17:1	into (2)
evidence (6)	9:2;14:9	government's (2)	13:10;17:2
6:2;11:8;13:2;14:10,13;	finished (1)	6:5;15:8	investigations (11)
16:12	4:7	*	9:5,12,17,21;10:2,6,11,
		grant (1)	
exception (2)	first (1)	6:5	12,12,15;13:13
6:7,21	4:13	granted (3)	investigator (4)
excluded (1)	Five (1)	8:2;14:16;15:7	9:10,19;10:5,9
13:2	10:21	guess (1)	involved (1)
excuse (2)	flexible (1)	15:16	10:13
12:5;13:13	12:14		issue (2)
exhibit (7)	focused (1)	H	11:9;16:8
4:14,15;6:4;7:1,8;8:4;	12:15		issued (1)
4.14,13,0.4,7.1,0,0.4, 14:19	following (3)	heard (1)	13:20
exhibits (4)	5:7;6:10;15:13	9:1	issues (2)
4:10,13;7:2,11	follows (1)	hearsay (4)	5:9;15:15
exists (1)	9:2	6:3,7,21;7:4	_
6:18	Forces (1)	held (2)	J
experience (7)	12:21	5:4;15:1	
9:4,6,9;10:15;11:4;12:17;	foreign (4)	help (1)	January (2)
		r (-)	

5:20;7:7 JCITA (1) 9:8 Joint (1) 9:7 judge (1) 16:10 judicial (8)	6:11 long (1) 16:3 LTD (1) 12:21 lunch (2)	MRE (3) 11:20;12:5;14:9 multiple (1) 10:6 must (1)	11:5,14,18,19;14:4; 15:11;16:15 opinions (1) 15:5 oppose (1)
JCITA (1) 9:8 Joint (1) 9:7 judge (1) 16:10	long (1) 16:3 LTD (1) 12:21	11:20;12:5;14:9 multiple (1) 10:6	15:11;16:15 opinions (1) 15:5
9:8 Joint (1) 9:7 judge (1) 16:10	16:3 LTD (1) 12:21	multiple (1) 10:6	opinions (1) 15:5
Joint (1) 9:7 judge (1) 16:10	LTD (1) 12:21	10:6	15:5
9:7 judge (1) 16:10	12:21		
judge (1) 16:10		must (1)	annaga (1)
16:10	lunch (2)		oppose (1)
16:10	1 111111.11 1.4.1	12:2	8:17
	15:15;17:16	1212	opposes (1)
	13.13,17.10	- N	7:3
	M	14	
5:11,17,19,21;6:5,9;7:7,	M		oral (4)
21		National (1)	8:21;9:1;13:20;14:7
judicially (1)	ma'am (8)	10:1	order (1)
7:18	4:4,12;5:15;15:18;16:6;	necessitate (1)	4:2
Julian (3)	17:6,11,12	15:8	ordered (2)
6:11,16,17	Madaras (3)	need (4)	8:2;14:16
July (3)	7:14,16,17	5:13;11:19;15:15;17:8	organizations (1)
			10:14
8:2,11;14:17	maintains (1)	New (2)	
June (2)	7:3	6:15,16	otherwise (1)
6:8,19	Major (2)	next (2)	11:6
-	4:2,9	8:3;14:18	out (1)
K	making (1)	non-hearsay (5)	16:16
-	6:3	5:11,18;6:7,21;7:20	outweighed (2)
kind (1)	manager (1)	notes (1)	13:3;14:11
11:18	10:16	7:13	over (2)
knowledge (2)			, ,
	Manning (1)	notice (8)	15:15;16:16
11:4,7	7:17	5:11,17,19;6:1,6,9;7:7;	overbroad (1)
known (2)	March (1)	8:1	14:3
10:13;12:8	6:15	noticeable (1)	oversight (3)
Kumho (1)	marked (2)	7:18	9:21;10:19;13:7
12:21	4:13;8:3	NSA (1)	
	matter (1)	10:1	P
${f L}$	9:16	number (2)	
	may (6)	4:14,16	Packnett (1)
laid (2)	11:5,14;12:3;13:2;14:4;	7.17,10	6:14
		O	
16:14,16	16:18	U	papers (1)
Lamo (1)	media (4)		4:8
7:12	4:20,20,21;6:13	objection (1)	parameters (2)
last (2)	members (1)	7:3	14:6;15:11
4:5,11	4:20	objections (1)	part (3)
law (4)	memoranda (1)	7:4	11:20;14:16;15:8
7:6,9;11:3;13:5	13:15	observed (1)	particular (4)
laying (3)	merits (1)	11:16	11:16,17;12:9,12
5:6;14:6;15:2	16:13	offensive (6)	parties (8)
	met (1)	8:19;10:2,17,20;13:10,13	4:3,4;8:20;14:21;15:12,
lays (1)			
17:4	14:20	offer (1)	14,17;16:3
lead (1)	methods (2)	14:4	peer (1)
10:5	11:11,12	offered (2)	12:7
level (2)	military (2)	6:2;7:19	personal (1)
9:16;12:18	9:9;16:10	officer (2)	12:17
Lewis (20)	mission (1)	4:6;10:15	personally (2)
5:5,6,10;8:7,12,17;9:3,13,	6:18	one (7)	10:3;11:16
15;10:3,5,8,14,21;13:21;	MJ (1)	4:21;5:9;6:11;7:4;8:1;	PFC (1)
	12:20	13:6;16:8	7:17
14:1,4,16;15:3,9			
Lewis' (1)	modern (1)	open (9)	pinpoint (2)
13:6	6:13	4:6,11,19;7:16;8:10,15;	7:1,10
Lewis's (4)	most (2)	14:21;16:1;17:1	please (1)
9:9;14:9;15:21;17:4	9:15,18	opening (1)	4:3
Lieutenant (1)	motion (9)	17:2	point (3)
	5:9,11,19,21;6:5;7:21;	operates (1)	5:13;15:16;17:8
6:14			
6:14 line (2)	8.6.14.15.15.8	9.11	nosition (2)
line (2)	8:6;14:15;15:8	9:11 operations (10)	position (2)
line (2) 8:4;14:19	motions (1)	operations (10)	9:15;10:18
line (2) 8:4;14:19 list (2)	motions (1) 7:7	operations (10) 4:20;9:4,16,21;10:2,17,	9:15;10:18 post (1)
line (2) 8:4;14:19	motions (1)	operations (10)	9:15;10:18

TT & Brudley E. Munning	772712 17101	ming pession	July 2, 2016
12:8	6:14	rigor (1)	significant (1)
practice (1)	quote-unquote (2)	12:18	9:12
12:19	11:21;12:13	role (3)	skill (1)
prejudice (2)	_	16:10,11,19	11:4
13:4;14:12	R	roles (1)	source (1)
prepare (1)		16:10	7:16
13:14	rates (1)	rough (1)	sources (2)
prepared (1)	12:8	15:14	8:14,20
5:8	rather (2)	routinely (1)	Special (1)
present (2)	12:14;16:15	13:12	7:12
4:4,5	RCM (1)	rule (4)	specialized (1)
presented (2)	16:9	5:8;7:7;15:3;16:10	11:7
8:21;16:12	read (2)	ruled (1) 6:4	spectators (1) 5:1
principals (2) 11:11,12	8:7,10	rules (1)	standards (1)
prior (2)	ready (1) 16:4	9:2	12:10
14:21;17:8	received (1)	ruling (14)	start (1)
probative (3)	9:1	5:17,18,20;7:21;8:6,8,9;	4:18
13:3;14:10,10	recess (3)	13:21;14:7,14,15,18;15:7,	stated (1)
proceed (1)	4:5;17:15,16	11	7:6
15:13	recessing (1)	rulings (1)	States (1)
Proceeding (1)	17:8	5:12	12:20
8:5	recognize (1)	Russia (1)	stenographer (1)
PROCEEDINGS (1)	8:12	10:8	4:21
4:1	recognized (1)		still (1)
product (1)	5:7	\mathbf{S}	15:17
11:10	reconvene (1)		studies (1)
professional (1)	17:9	same (2)	12:16
12:16	record (4)	12:17;16:15	subject (3)
professionals (1)	4:10;5:12;15:16,20	Sanchez (1)	9:16;11:19;12:7
9:17	regard (1)	12:20	submitted (1)
proffer (3)	14:5	schedule (1)	8:21
6:20;7:2,10	regarding (1)	15:14	substantially (2)
profile (1)	7:7	scientific (3)	13:3;14:11
6:16	relevance (8)	11:6;12:9,12	sufficient (1)
proper (2)	5:10,18;6:3,6,21;7:3,5;	scope (2)	11:9
14:6,13	12:2	15:5,10	supervising (1)
proposed (1)	relevant (4)	searches (1)	9:17
16:17 prosecution (3)	7:19;11:20;12:19;13:2	7:15	supplement (3) 8:9;13:20;14:7
5:11,19;7:11	reliability (3)	Secretary (5) 10:3,4;13:15,16,16	support (2)
provided (2)	12:3,14,14 reliable (2)	secrets (1)	7:2,11
6:20;10:8	11:10;13:19	6:17	systematically (1)
public (2)	reliably (1)	security (2)	13:10
17:10,12	11:11	4:6;10:1	systems (3)
publication (1)	rely (1)	senior (4)	13:11,12,19
12:8	11:17	9:10,11,15,16	
purpose (2)	renewed (1)	sensitive (1)	T
14:13,13	6:8	9:11	
purposes (2)	request (2)	services (2)	technical (1)
7:20;16:14	5:6;6:9	9:6;14:3	11:6
	respect (1)	session (16)	technique (2)
Q	15:2	4:6,11,19,19;5:4,8;14:21;	12:6,11
	respectively (1)	15:1,9,21;16:1,14,20;17:1,	techniques (2)
qualifications (1)	10:10	9,10	12:9,10
8:19	retained (1)	sessions (1)	terrorist (1)
qualified (2)	9:20	8:16	10:14
11:1,3	review (1)	set (3)	test (1)
qualify (3)	12:7	4:9;15:13;16:19	12:13
5:9;8:6;14:15	reviewed (1)	shared (1)	tested (1)
quote (2)	7:9	7:16	12:6
6:17;12:15	right (3)	Shaver (1)	testified (1)
quoted (1)	5:16;8:5;17:14	7:12	10:21
	4	I .	1

1 FC Bradiey E. Maining	772/13 14101	iiiig Session	July 2, 2013
testifies (1)	use (1)	123 (1)	590 (1)
16:3	6:21	7:11	4:15
testify (2)	used (2)	13 (1)	
11:5;14:4	13:12,14	4:20	6
	,		U
testifying (1)	using (1)	1300 (1)	- (4)
15:10	12:9	17:9	6 (1)
testimony (17)	utilized (1)	1330 (2)	5:20
7:12,14;11:9,10;12:1,2,4,	5:2	15:17,21	
16;13:9;14:9;15:1,5,10,21;		145 (1)	7
16:16,19;17:4	\mathbf{V}	12:20	-
theory (2)	•	1530 (4)	7 (1)
	1 (1)		
12:6,11	valuation (1)	16:4;17:10,13,15	6:19
three (9)	8:19	16 (1)	701 (1)
6:10,16;7:4,18;8:1;10:5;	value (6)	7:6	12:5
11:21;12:8;14:8	4:16;8:13;13:3;14:2,5,10	18 (1)	702 (1)
till (1)	various (1)	6:15	12:5
17:9	13:7	1996 (1)	703 (1)
Times (1)	versus (2)	10:9	11:20
			11.20
6:15	12:20;13:1	1999 (1)	
Tire (1)		10:9	8
12:21	\mathbf{W}		
titled (3)		2	802 (1)
4:14,16;6:17	WikiLeaks (1)		16:9
today (3)	7:15	2006 (1)	81 (1)
5:8;14:21;15:13	within (3)	9:13	7:11
			7:11
total (1)	14:6,13;15:11	2007 (1)	
6:18	witness (6)	12:21	9
tour (1)	5:5;8:12;11:1,2,3;16:3	2010 (3)	
9:6	working (2)	6:12,15,19	965 (1)
trailer (1)	6:12;9:10	2013 (7)	12:20
5:2	written (1)	5:20;6:8;7:7;8:2,11;9:13;	
training (3)	8:21	14:17	
9:7,8;11:4	0.21	28 (1)	
	Y		
transparency (1)	1	6:8	
6:18		29 (2)	
trial (2)	year (1)	9:3;13:6	
4:7;6:2	10:9	2nd (2)	
trier (1)	years (2)	8:2;14:17	
11:7	9:3;13:7		-
Trofimoff (1)	yesterday (2)	3	
10:7	5:4;14:21		
	*	2.20 (2)	
two (10)	yesterday's (2)	3:30 (2)	
4:12;5:9;6:14;7:4,18;	16:13,20	17:13,15	
9:13;11:14;12:6;13:20;16:9	York (1)	30 (1)	
-	6:15	7:11	
${f U}$	Yorker (1)		
-	6:16	4	
unclassified (3)			-
4:6,19;8:8	0	403 (2)	
under (3)	V	14:9,12	
	00527025 (1)	,	
12:5;14:8;15:4	00527925 (1)	472 (2)	
unfair (2)	4:15	6:4;7:8	
13:4;14:11	00527929 (1)	_	
United (1)	4:15	5	
12:20	00527930 (1)		
unquote (2)	4:16	50 (1)	
6:18;12:19	00527932 (1)	9:17	
up (1)	4:17	55 (1)	
	4.1/		
15:13	1	9:17	
upon (1)	1	587 (2)	
14:6		7:1,2	
usage (1)	1 (1)	589 (1)	
6:7	8:11	4:14	